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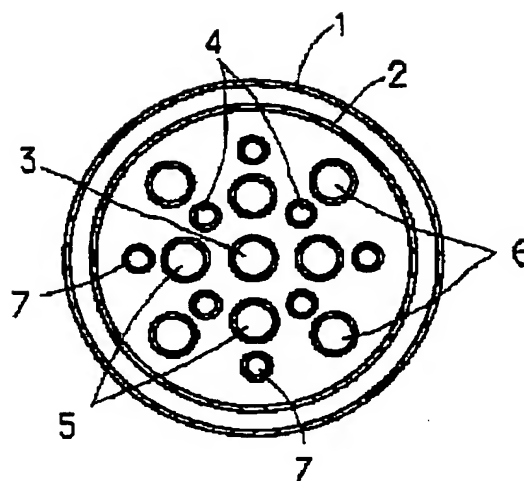
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APPLICANT : FURUKAWA ELECTRIC CO LTD:THE;

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TITLE : BURNER FOR SYNTHESIZING GLASS PARTICULATE AND PRODUCTION OF OPTICAL FIBER PREFORM USING THE SAME



ABSTRACT : PURPOSE: To provide a burner for synthesizing glass particulate capable of increasing the deposition speed of the glass particulate in accordance with increase in diameter of an optical fiber preform.

CONSTITUTION: An array of plural steps of raw material blowing nozzles 5, 6 around a raw material blowing nozzle 3 and an array of combustion improving gas blowing nozzles 4, 7 are provided in the space inside an inflammable gas blowing pipe 2 blowing an inflammable gas. The range of blowing a glass raw material from the raw material blowing nozzles 5, 6 of plural steps is extended in the radial direction in accordance with the increase in the outer diameter of the optical fiber preform.

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